

ABSTRACT OF THE DISCLOSURE

A piezoelectric transducer for sending and receiving an ultrasonic wave and an FPC for applying current to the piezoelectric transducer is provided, 5 the FPC is arranged oppositely to a side face of the piezoelectric transducer, and a soldering material for electrically connecting the piezoelectric transducer to the FPC is arranged in a corner portion formed by the piezoelectric transducer and the FPC.